

# CHEVROLET 2003-06 SSR

## PRECAUTIONS

**Warning:** Batteries produce explosive gases, contain corrosive acid, and supply levels of electrical current high enough to cause burns. Therefore, to reduce the risk of personal injury when working near a battery: Always shield your eyes and avoid leaning over the battery whenever possible; do not expose the battery to open flames or sparks; do not allow the battery electrolyte to contact the eyes or the skin; flush immediately and thoroughly any contacted areas with water, and get medical help.

Unless directed otherwise, the ignition and start switch must be in the OFF or LOCK position, and all electrical loads must be off before servicing any electrical component. Disconnect the battery ground cable to prevent an electrical spark, should a tool or equipment come in contact with an exposed electrical terminal. Failure to follow these precautions may result in personal injury and/or damage to the vehicle or its components. For vehicles equipped with OnStar® (UE1) with Back Up Battery, the back up battery is a redundant power supply to allow limited OnStar® functionality in the event of a main vehicle battery power disruption to the VCIM (OnStar® module). Do not disconnect the main vehicle battery or remove the OnStar® fuse with the ignition key in any position other than OFF. Retained Accessory Power (RAP) should be allowed to time out or be disabled (simply opening the driver door should disable RAP) before disconnecting power. Disconnecting power to the OnStar® module in any way while the ignition is on or with RAP activated may cause activation of the OnStar® Back Up Battery (BUB) system and will discharge and permanently damage the back-up battery. Once the BUB is activated, it will stay on until it has completely discharged. The BUB is not rechargeable and, once activated, the BUB must be replaced.

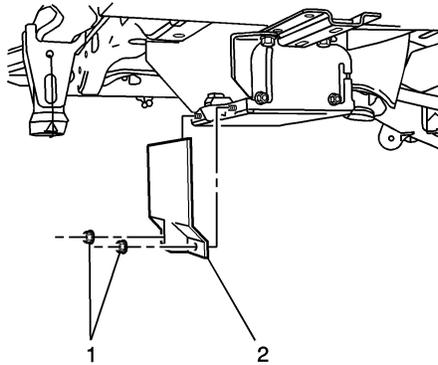


Fig. 1 Rear battery cover removal

## BATTERY

### Removal

1. Record radio anti-theft code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to off position.
4. Raise and support vehicle.
5. Remove rear battery cover nuts (1) and cover (2), **Fig. 1**.
6. Loosen battery ground cable bolt, and disconnect ground cable from battery.
7. Loosen battery positive cable bolt, and disconnect positive cable from battery.
8. Loosen lower battery box slide nuts (1), **Fig. 2**.
9. Drop down lower battery box to access battery, **Fig. 3**.
10. Remove battery hold down bolt and hold down, **Fig. 4**.
11. Remove battery from lower battery box, **Fig. 5**.

### Installation

Clean any existing corrosion from the battery terminal and the battery cable end.

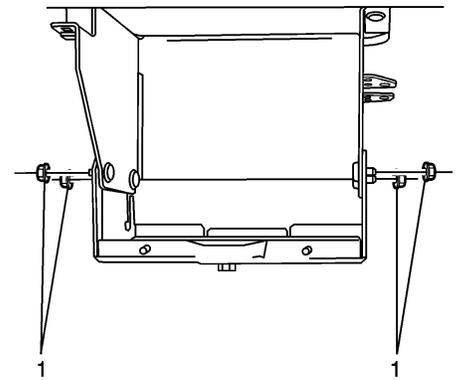
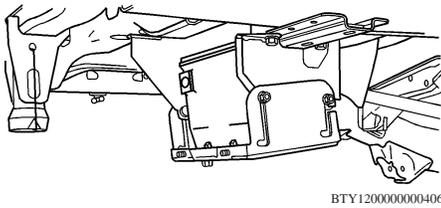


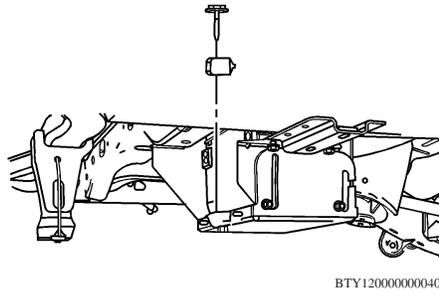
Fig. 2 Lower battery box slide nut removal

The window initialization procedure will need to be performed any time the battery is disconnected.

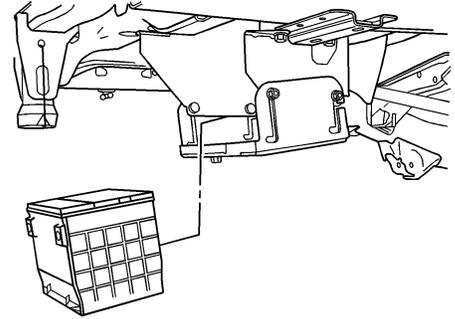
1. Install battery to battery tray, **Fig. 5**.
2. Install battery hold down and bolt, **Fig. 4**. **Torque** bolt to 18 ft. lbs.
3. Raise lower battery box and lock into place.
4. **Torque** lower battery box slide nuts to 18 ft. lbs., **Fig. 2**.
5. Install battery positive cable and bolt to battery. **Torque** bolt to 11 ft. lbs.
6. Install battery ground cable and bolt to battery. **Torque** bolt to 11 ft. lbs.
7. Install rear battery cover and nuts, **Fig. 1**. **Torque** nuts to 89 inch lbs.
8. Lower vehicle.
9. Reset all preset and theft codes previously recorded to radio.
10. Perform initialization of power windows as follows:
  - a. Close vehicle doors.
  - b. Activate window switch in Up position until window has reached full Up position and stalls, then hold switch for an additional 1/2 second.
  - c. Activate window switch in Down position until window has reached full Down position and stalls, then hold switch for an additional 1/2 second.



**Fig. 3 Lower battery box drop down position**



**Fig. 4 Battery hold down removal**



**Fig. 5 Battery removal**

---

The material herein may not be used without the prior express written permission of the copyright holder, including, but not limited to reproduction or transmission in any form by any means such as electronic, mechanical, photocopying, recording or otherwise; nor may it be stored on any retrieval system of any nature.

"The data reported herein has been compiled from authoritative sources. While every effort is made by the analysts to attain accuracy, manufacturing changes as well as typographical errors and omissions may occur on occasion. The publisher cannot be responsible nor does it assume any responsibility whatsoever for such omissions, errors or changes."

"Portions of materials herein have been reprinted with permission of General Motors Company, Service Technology Group"

---

**MOTOR INFORMATION SYSTEMS**  
**MOTOR is a trademark of Hearst Business Media**  
**A Unit of Hearst Corporation**  
**1301 W. Long Lake, Suite 300**  
**Troy, MI 48098**  
Copyright © 2012 Hearst Business Media. All rights reserved.

---